

1 **ABSTRACT**

2 A network system server, at a first network site, maintains network access  
3 information that identifies users authorized to access a network and a network  
4 controller, at a second network site, caches the network access information for  
5 individual users that request access to the network from the second network site.  
6 The network controller tracks the individual users that request access to the  
7 network from the second network site and updates the cached network access  
8 information for the individual users that request access to the network from the  
9 second network site within a defined time interval.  
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